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TOBACCO INDUSTRY RESEARCH COMMITTEE
150 EAST FORTY SECOND STREET NEW YORK 17, N. Y.

Application For Research Grant

(Activated 3/1/58)

Date: November 11, 1958

1. Name of Investigator:

Donald M. Pace, M.D.

2. Title:

Professor of Physiology

3. Institution
& Address:

University of Nebraska
Lincoln, Nebraska

4. Project or Subject:

A continuation of investigations into the effects of
certain constituents of tobacco smoke on tissue cells
cultivated in vitro.

5. Detailed Plan of Procedure (Use reverse side if additional space is needed):

The same procedure as given in previous application will be followed.
However, more attention will be given to long range effects of selected
substances in concentrations that appear to have no effect over short
periods of time.

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6. Budget Plan:

Salaries	(6500.)
Expendable Supplies	8000.00 (1500.)
Permanent Equipment	1000.00
Overhead	
Other	
Total	750.00
	9750.00

7. Anticipated Duration of Work:

1 year

8. Facilities and Staff Available:

The Institute for Cellular Research consists of a suite of 8 rooms well equipped for short and long term tissue culture investigations. Although, the above request is made for the support of one investigator, actually all the staff members of the Institute enter into some phase of the work.

9. Additional Requirements:

We are using a synthetic nutrient medium in which to cultivate our cells. Many of the chemicals used in this medium are very expensive and this is the reason for a slight increase in our request for funds for expendable supplies along with the fact that we will need more culture flasks.

10. Additional Information (Including relation of work to other projects and other sources of supply):

As stated in a previous request, we are still working on a project designed to give information concerning the effects of air pollutants on tissue cells cultivated in vitro. We are at present studying the effects of hydrocarbons, oxons and oxonides.

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Signature _____
Director of Project **Ronald M. Pace**

Business Office of the Institution